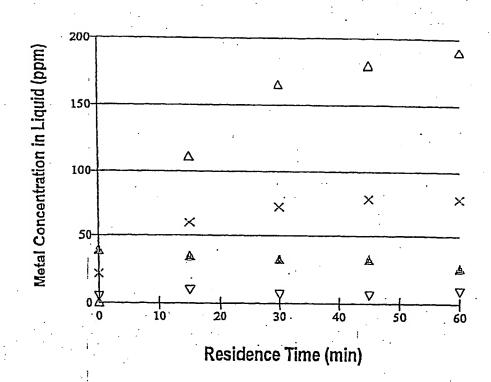


7/ 23 **Figure 7**

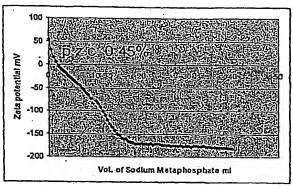
Metals Extraction VS Residence Time for Hydrofoil Impeller



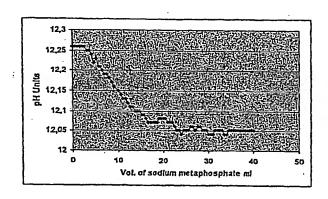
X Pb Δ Ca Δ Cr ∇ Zn

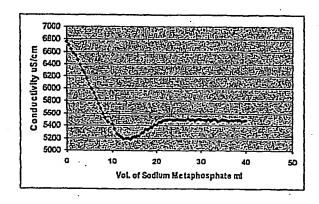
θ / 23 Figure 8

Variation of Zeta Potential, pH and Conductivity VS Concentration of Sodium Metaphosphate for a Partly Washed Dust Slurry



p.z.c - point zero charge (isoelectric point)

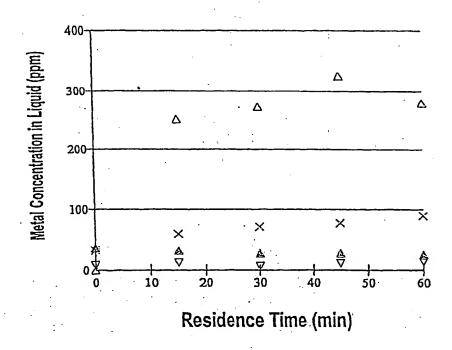


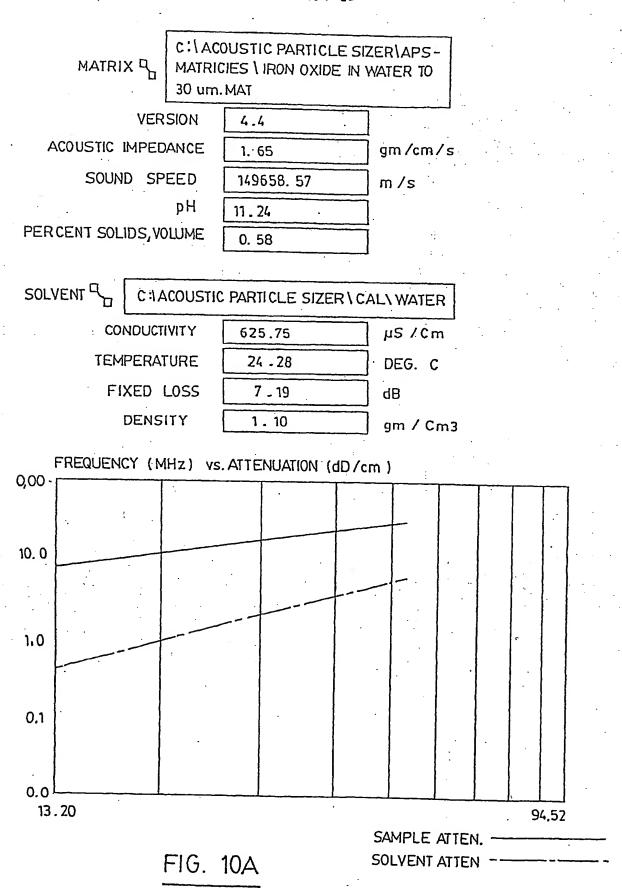


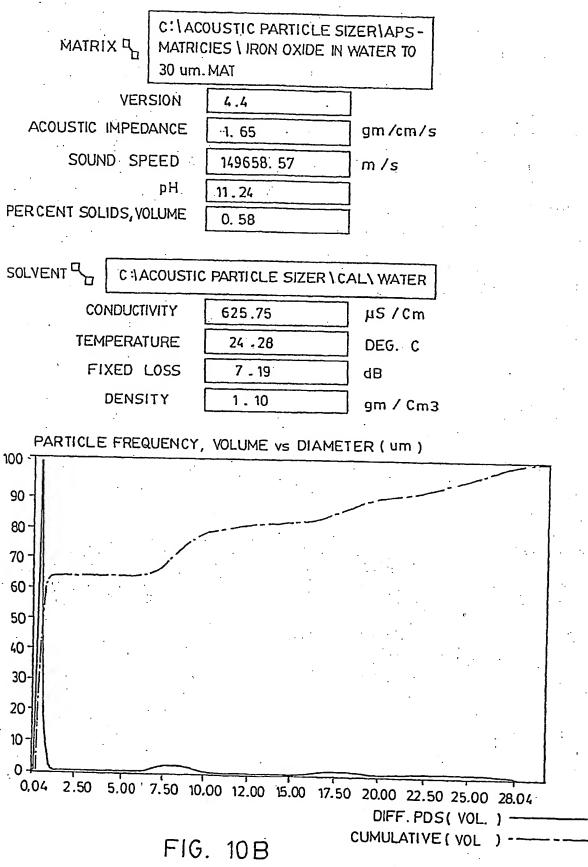
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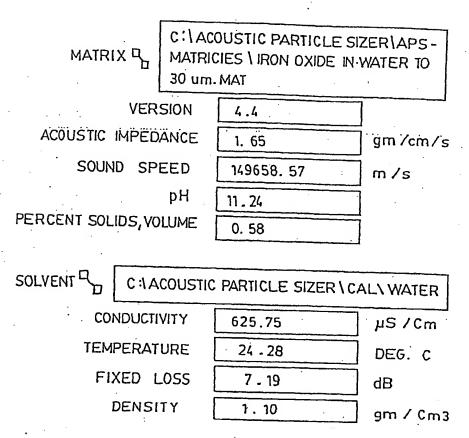
Figure 9

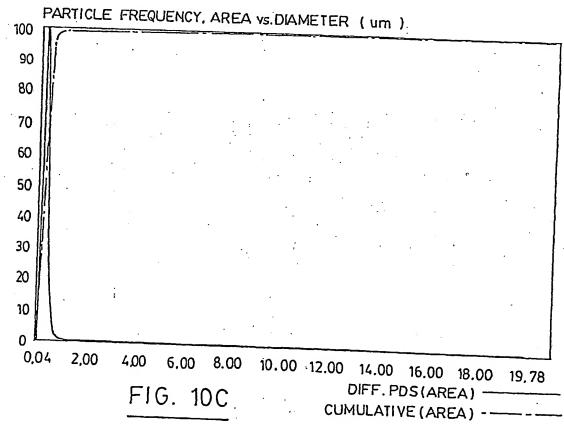
Metals Extraction VS Residence Time for High Shear Impeller



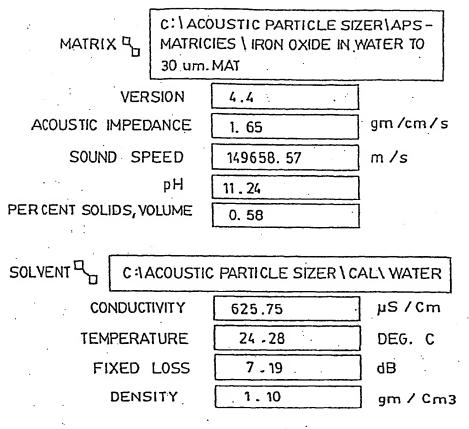


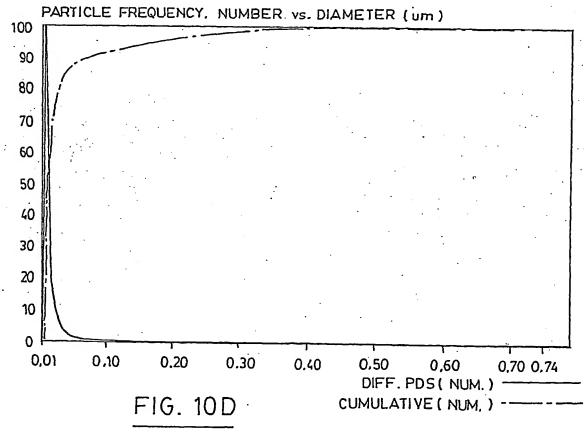




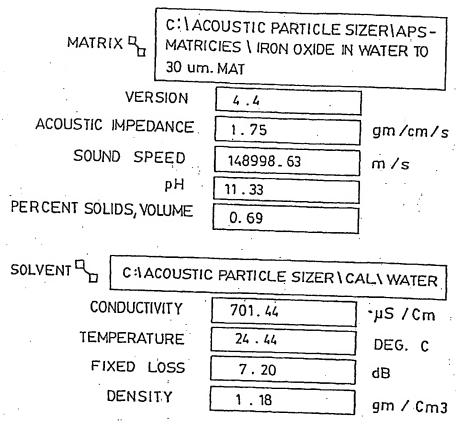


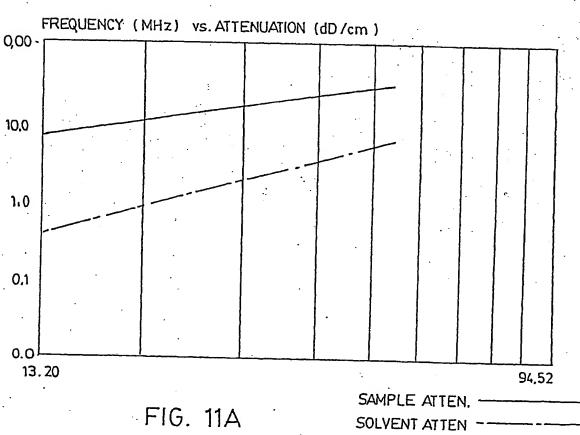
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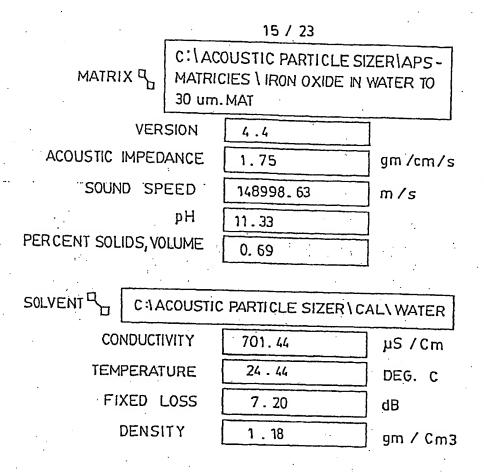


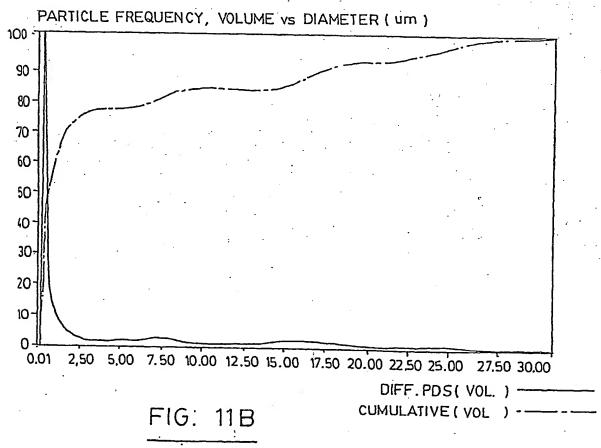


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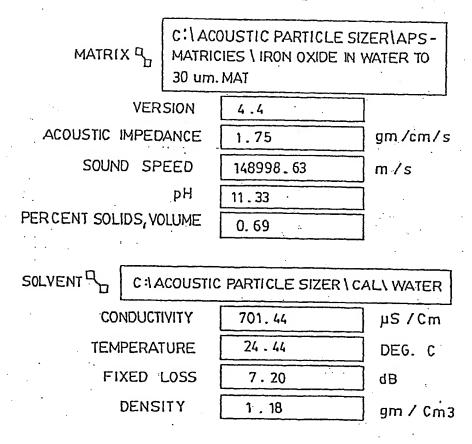


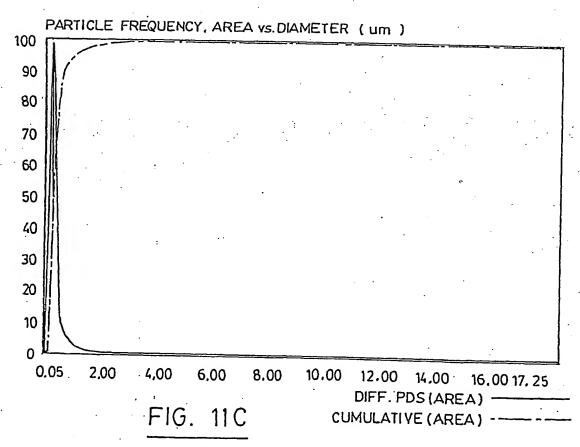




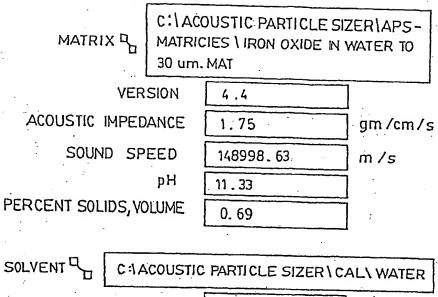


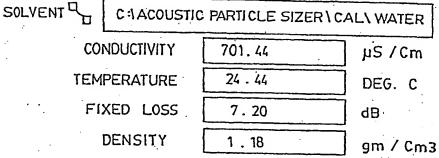
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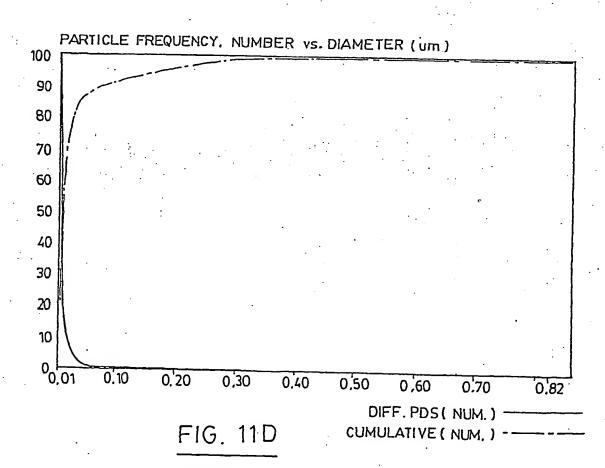












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0,00-

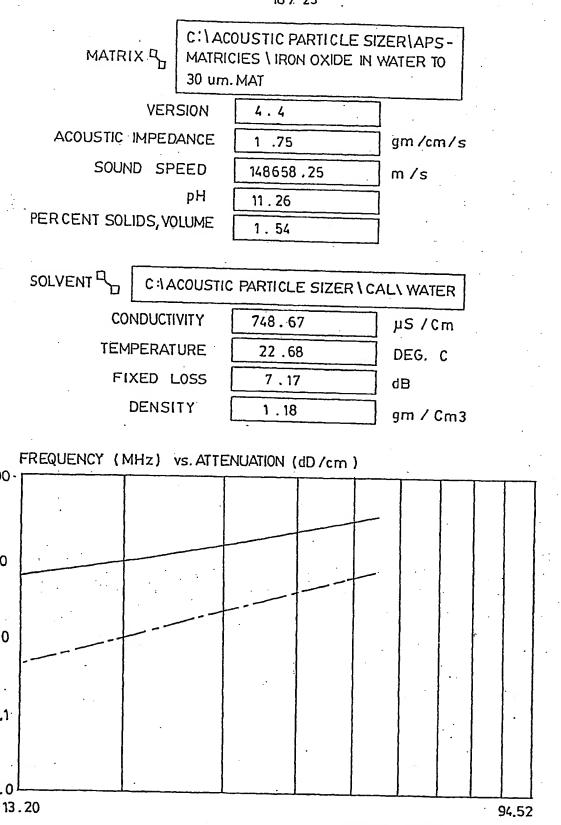
10,0

1.0

0.1

0.0

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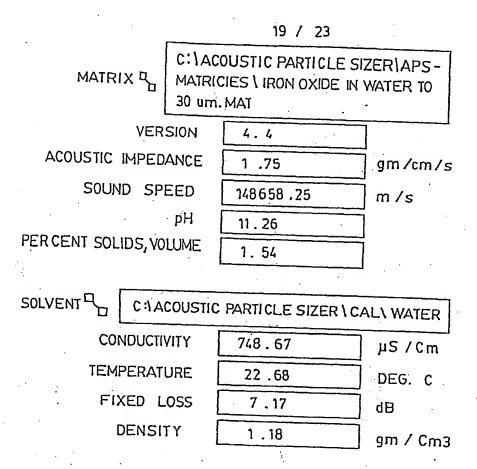


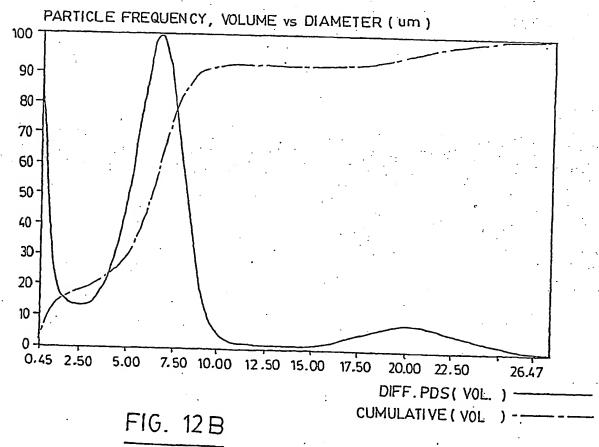
SUBSTITUTE SHEET (RULE 26)

FIG. 12A

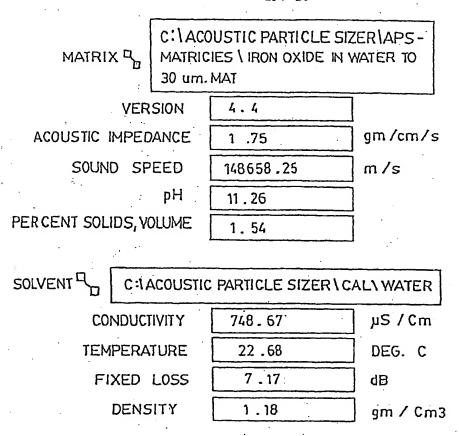
SAMPLE ATTEN.

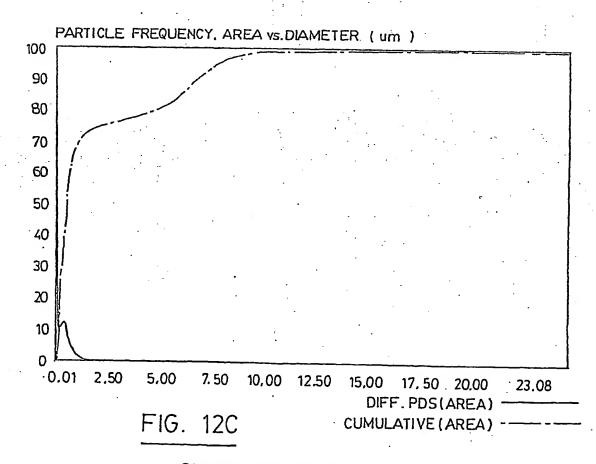
SOLVENT ATTEN





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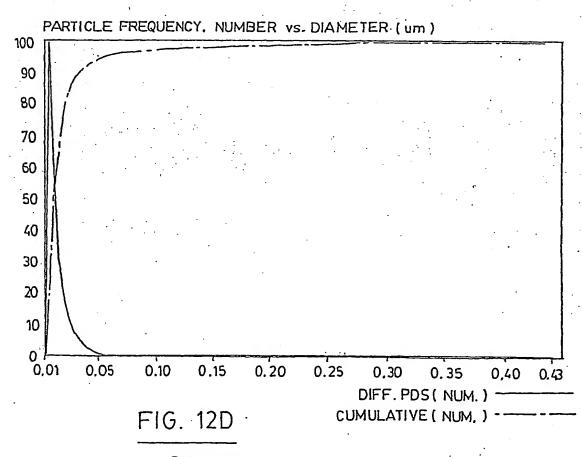


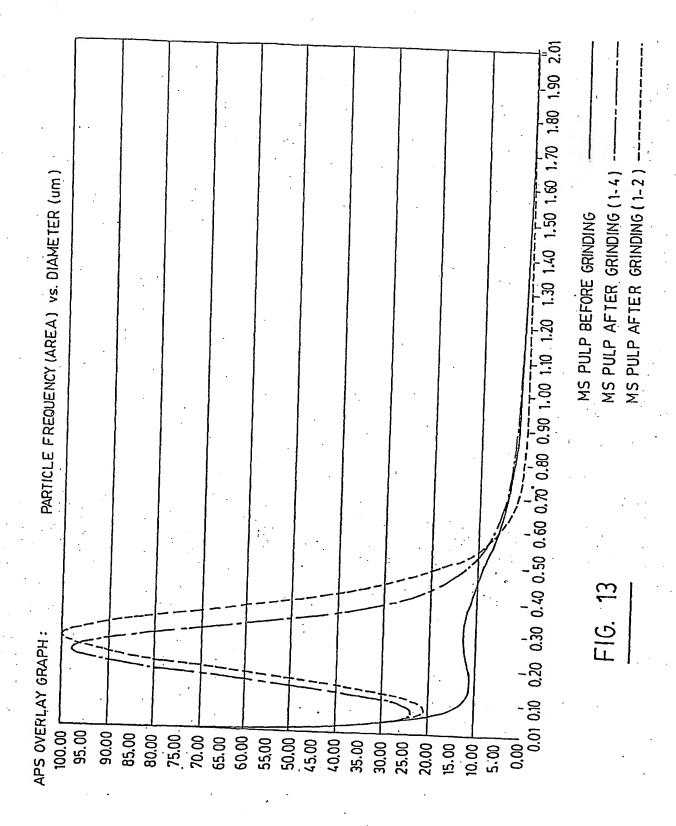


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| MATRIX 4 | | DUSTIC PARTICLE SIZ CIES \ IRON OXIDE IN \ MAT | |
|--------------------------------------|----|--|----------|
| VERSION | | 4.4 | |
| ACOUSTIC IMPEDANCE | | 1 .75 | gm/cm/s |
| SOUND SPEED | | 148658.25 | m/s |
| | рН | 11.26 | |
| PERCENT SOLIDS, VOLUME | | 1.54 | |
| = | | i : | • |
| C:\ACOUSTIC PARTICLE SIZER\CAL\WATER | | | |
| CONDUCTIVITY | | 748 - 67 | μS /Cm |
| TEMPERATURE | | 22 . 68 | DEG. C |
| FIXED LOSS | | 7.17 | dВ |
| DENSITY | | 1 . 18 | gm / Cm3 |





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